

Title (en)
TESTING DEVICE FOR TESTING FLUID TIGHTNESS

Title (de)
PRÜFVORRICHTUNG ZUR DICHTHEITSPRÜFUNG

Title (fr)
DISPOSITIF DE CONTRÔLE POUR CONTRÔLE D'ÉTANCHÉITÉ

Publication
EP 3914887 B1 20240228 (DE)

Application
EP 20700372 A 20200110

Priority
• AT 500432019 A 20190122
• EP 2020050507 W 20200110

Abstract (en)
[origin: WO2020151961A1] The invention relates to a testing device for testing the fluid tightness of a fluid cut-off device (3) which comprises a movable, electrically insulating cut-off element (1) that can be subjected to pressure and two connection devices (2) arranged on either side of the cut-off element, wherein: the testing device comprises a first testing electrode (4), a second testing electrode (5) and a measuring device (6) connected to the first testing electrode (4) and to the second testing electrode (5) in an electrically conductive manner; the measuring device (6) is designed to measure the electrical resistance or the current flow between the first testing electrode (4) and the second testing electrode (5); a first connection element (7) and a second connection element (8) are provided; the first connection element (7) and the second connection element (8) are designed for connection to the fluid cut-off device (3), in particular to the connection devices (2) of the fluid cut-off device (3); the first testing electrode (4) is disposed on the first connection element (7); the second testing electrode (5) is disposed on the second connection element (8); and the first connection element (7) and/or the second connection element (8) have/has a fluid opening (9). The invention further relates to an arrangement of a testing device according to the invention with a cut-off device, and to a method for testing fluid tightness.

IPC 8 full level
G01M 3/18 (2006.01)

CPC (source: AT EP)
G01M 3/16 (2013.01 - AT); **G01M 3/184** (2013.01 - AT EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020151961 A1 20200730; AT 522113 A1 20200815; AT 522113 B1 20201015; DK 3914887 T3 20240603; DK 3914887 T5 20240617; EP 3914887 A1 20211201; EP 3914887 B1 20240228; PT 3914887 T 20240531

DOCDB simple family (application)
EP 2020050507 W 20200110; AT 500432019 A 20190122; DK 20700372 T 20200110; EP 20700372 A 20200110; PT 20700372 T 20200110